NASA/GODDARD SPACE FLIGHT CENTER
REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR:	CONTRACT NO./TASK NO.			JOB ORDER NUMBER	APPROP. FY
	NAS5-	TASK NO.	AMENDMENT		
QSS Group, Inc.	99124	314		424-228-13-10-89	00

TASK TITLE: (NTE 80 characters; include Project name)

NTGSE Modifications for EOS AURA SIIS Demo

APPROVALS: (Type or print name and sign)

		DATE	ORG CODE	MAIL CODE	PHONE
ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)					
William Mocarsky	*William Mocarsky*	6/29/00	566	566	301-286-7156
BRANCH HEAD		DATE	CODE		PHONE
Margaret Luce	*Margaret A Luce*	6/29/00		424	301-286-6527
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)		DATE	CODE		PHONE
Robert S. Lebair, Jr.	*(signature)*	6/30/00	560		301-286-6588

FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE?	CONTRACTING OFFICER'S QUALITY REP.	DESIGNATED FAM:
(IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK) [X] NO [ ] YES		

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.	*(To be completed by Contracting Officer)* **C.O. Requested Quote on:** *Date:*

Contractor will develop specification or statement of work under this task for a future procurement.		[X] NO	[ ] YES
Flight hardware will be shipped to GSFC for testing prior to final delivery.	[X] NO	[ ] YES	[ ] N/A
Government Furnished Property/Facilities:	[X] NO	[ ] YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)	
Onsite Performance:	[X] NO	[ ] YES	If yes: [ ] TOTAL [ ] PARTIAL
			If partial, indicate onsite work in SOW by asterisk (*)
Surveillance Plan Attached:	[X] NO	[ ] YES	

Highlighted Contract Clauses: *(to be completed by Contracting Officer)*

    Per Clause H.14, Task Ordering Procedure, subparagraph (f), the
    effective date of this task order shall be 7/28/00.

INCENTIVE FEE STRUCTURE   (check one)
(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	_X_ No. 1	___ No. 2	___ No. 3	___ No. 4	___ No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is $ 28,755 .

The target fee of this task order is $ 1,869 .

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is $ 30,624 .

The maximum fee is $ 2,732 .

The minimum fee is $0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

Theresa J. Becker	8/16/00	THERESA J. BECKER
SIGNATURE OF CONTRACTING OFFICER	DATE	TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE	DATE

GSFC FORM 703-1845   12/98 (OLDER VERSIONS ARE OBSOLETE)

DISTRIBUTION: CONTRACTOR, CONTRACTING OFFICER, COTR, CODE 303, RESOURCES ANALYST, ASSISTANT TECHNICAL REPRESENTATIVE

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QSS Group, Inc.	99124	314	

Applicable paragraphs from contract Statement of Work:

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

The contractor shall modify the NTGSE for the EOS AURA project:

a. Modify the NTGSE to accept commands and forward instrument engineering data to the TRW TCS (EPOCH 2000) system

b. Modify the NTGSE 1553B bus protocol to be EOS GIRD compliant

c. Modify the NTGSE data base to provide the 1553B bus timing and protocol for the IAM/OMI instrument

d. As a goal, modify the NTGSE to forward IAM/OMI TAXI data to the IAM/OMI GSE over a TAXI interface

e. Participate in a presentation to the EOS-AURA project with the purpose of demonstrating the modified NTGSE capabilities

f. Incrementally demonstrate enhanced NTGSE capability

g. Participate in testing the NTGSE with IAM/OMI at GSFC and HIRDLS at Palo Alto, California.

PERFORMANCE SPECIFICATIONS:

Technical compliance shall be via demonstration of capabilities. Scheduled demonstrations to the ATR shall include:
a. Successful demonstration with EPOCH 2000 system with any encountered mismatches corrected within 1 week
b. Successful demonstration with IAM/OMI 1553B RT simulator with mismatches corrected within 1 week
c. Successful NTGSE and instrument interface testing.

APPLICABLE DOCUMENTS:

1. General Interface Requirements Document (GIRD) for the EOS Common Spacecraft/Instruments
2. Interface Control Document for the Ozone Monitoring Instrument (OMI) System
3. Interface Control Document for the High Resolution Dynamics Limb Sounder (HIRDLS)
4. SIIS Test Plan

TASK END DATE: 11/30/00

MILESTONES/DELIVERABLES AND DATES:

Deliverables: The contractor shall deliver all software (source code, executables, database files and build procedures), excluding licensed software, necessary to compile, build and execute the NTGSE in the final configuration: 9/29/00

Milestones:
1. Demonstration of NTGSE-EPOCH 2000 interface compatibility - no later than August 11, 2000
2. Demonstration of NTGSE - IAM/OMI 1553B simulator data exchange with capability of recording TAXI data: no later than August 31, 2000
3. Project demonstration of End-to-End EPOCH-NTGSE-IAM/OMI simulator: no later than September 22, 2000
4. As a "GOAL" for which the government will not hold the contractor accountable, a demonstration of the abililiy to transfer TAXI data to the OMI/IAM GSE: no later than October 20, 2000
5. Support NTGSE to instrument interface tests: to the IAM/OMI (September 2000); to HIRDLS (November 2000)

PERFORMANCE STANDARDS:
           Schedule: On-time delivery/completion of the deliverables/milestones
           Technical: ATR's acceptance of the deliverables

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):
William Mocarsky, building 23, room W441